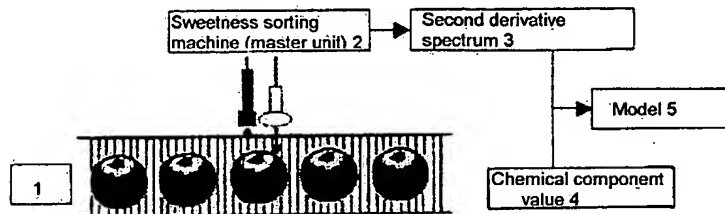
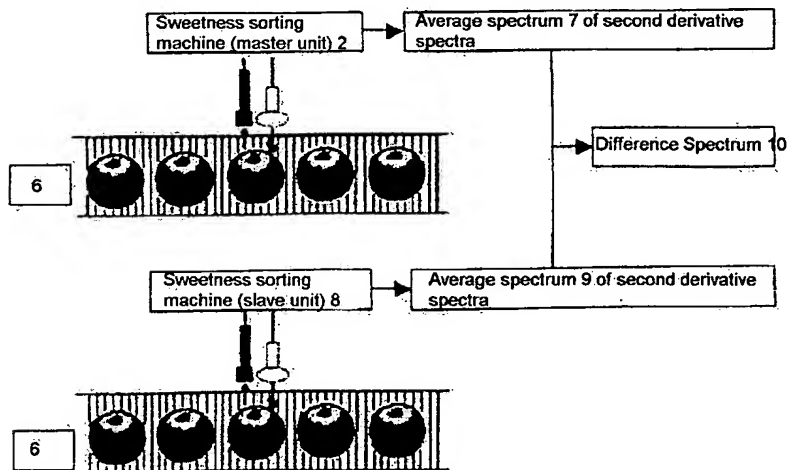


FIG. 1

(1) Creation of model by master unit, Create a model based on second derivative spectra measured by a master unit and chemical component values.



(2) Difference between system responses of master unit and slave unit (Measurement of difference spectrum), Obtain a difference spectrum by subtracting the average spectrum of second derivative spectra of a master unit from the average spectrum of second derivative spectra of a slave unit.



(3) Standardizing of system response of slave unit, standardize the system response of a slave unit by subtracting the difference spectrum obtained in (2) from the second derivative spectrum of each sample to be measured by the slave unit. By applying the model obtained in (1) to the standardized spectrum, it is possible to estimate a chemical component value equal to the case of a master unit.

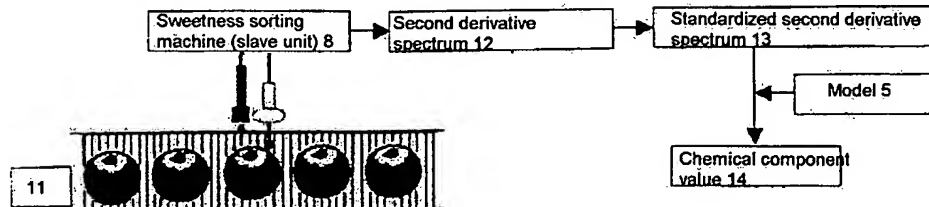


FIG. 2

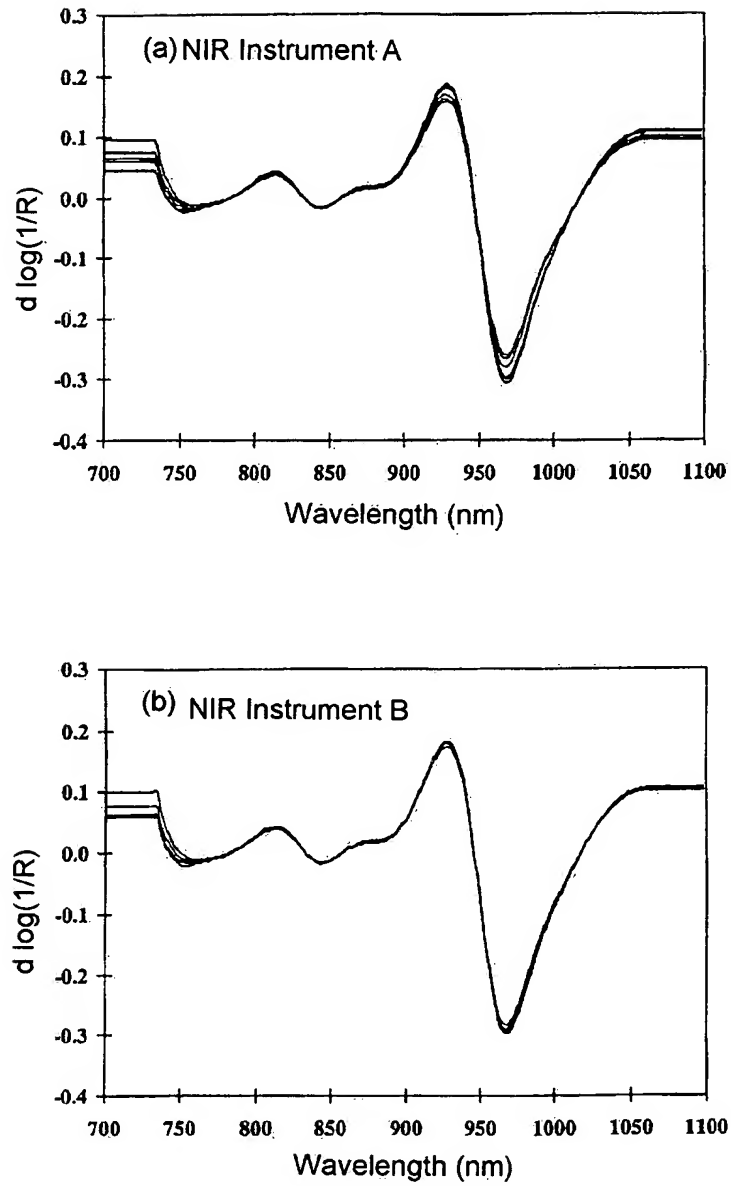


FIG. 5

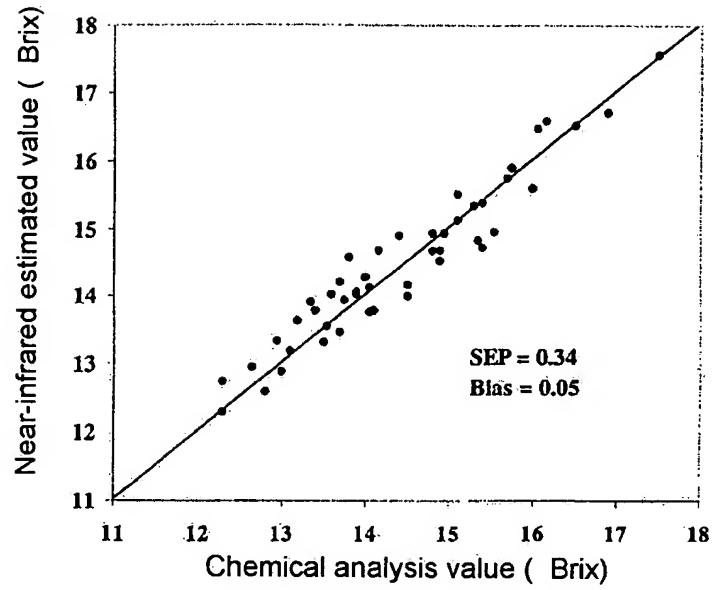


FIG. 6

